

KLEAN-STRIP GILLESPIE KWIK DUFFY'S EL PICO P&D

MATERIAL SAFETY DATA SHEET

DATE PRINTED: 3/21/2002

PAGE NO. CS61010

SECTION I. CHEMICAL PRODUCT AND COMPANY INFORMATION

MANUFACTURER'S NAME
W.M. Barr & Company, Inc.

EMERGENCY TELEPHONE #1
901-955-0100

ADDRESS
2105 Channel Avenue
Memphis, TN 38113 USA
EMERGENCY CONTACT
W.M. Barr Technical Services

EMERGENCY INFORMATION
See Section 5 for additional Emergency Information

INVENTORY ITEM #

CHEMICAL FORMULA
CS61010

PRODUCT NAME
CITRISTRIP ADHESIVE REMOVER

REVISED BY Technical Services

REVISION DATE
11/20/1998

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

SUBSTANCE DESCRIPTION	PERCENT	CAS#	NTP	ACGIH	OSHA	IARC	CARCINOGENICITY
CITRUS TERPENES	10- 15	5989-27-5	N	N	N	N	
DIETHYLENE GLYCOL MONOBUTYL ETHER	25- 30	112-34-5	N	N	N	N	
SALTS							
DIETHANOLAMINE	1- 10	N/A	N	N	N	N	
	10- 15	111-42-2	N	N	N	N	

SECTION 3. REGULATORY INFORMATION

SUBSTANCE DESCRIPTION	REG.AGCY U/M	TWA	STEL	CEIL	SKIN	PEL
CITRUS TERPENES	ACGIH OSHA	PPM PPM	N/E N/E	N/E N/E	N N	N/E N/E
DIETHYLENE GLYCOL MONOBUTYL ETHER	ACGIH OSHA	MG/M3 MG/M3	5.00 N/E	N/E N/E	N/E N	N/E N/E
SALTS	ACGIH OSHA	PPM PPM	N/E N/E	N/E N/E	N/E N	N/E N/E
DIETHANOLAMINE	ACGIH OSHA	PPM PPM	N/E N/E	N/E N/E	Y N	N/E 3.00

ADDITIONAL REGULATORY INFO
The time weighted average (TWA) value described herein is a threshold limit value (TLV) as established by ACGIH. The permissible exposure limit (PEL) is a value established by OSHA.

CALIFORNIA (PROPOSITION 65) ingredients in this product are not listed on California's Prop 65 list: "Chemicals Known to the State to Cause Cancer or Reproductive Toxicity."

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SECTION 3. REGULATORY INFORMATION
(CONTINUED)

SEC. 313 SUPPLIER NOTIFICATION

The following information must be included in all MSDS that are copied and distributed for this material.

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40CFR 372):

SUBSTANCE DESCRIPTION
DIETHANOLAMINE

PERCENT BY WEIGHT
(UPPER LIMIT)
15
CAS#
111-42-2

CLEAN AIR ACT
This formula contains no known ozone depleting chemicals.

HAZARD COMMUNICATION STANDARD
This document is prepared in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200). This MSDS contains thirteen (13) sections.

The following effects and/or symptoms are not expected to be experienced by persons who use this product properly and according to ALL instructions, precautions, and warnings; however, should the product user experience ANY questionable effects or symptoms, the product user should immediately seek medical attention.

SECTION 4. HAZARDS IDENTIFICATION

INHALATION ACUTE EXPOSURE EFFECTS
May cause headache, irritation of the respiratory tract and mucous membranes. Vapors from warmed or heated material may cause nausea and dizziness.

SKIN CONTACT ACUTE EXPOSURE EFFECTS
Product may be absorbed through skin. May cause irritation; itching; burning; redness; inflammation; blisters; dermatitis and skin damage.

EYE CONTACT ACUTE EXPOSURE EFFECTS
Corrosive to eyes. May cause irritation; redness; tearing; stinging; burning; swelling; conjunctivitis of eyes; corneal injury; pain; and blindness.

INGESTION ACUTE EXPOSURE EFFECTS
May cause dizziness; headache; drowsiness; nausea; loss of coordination; stupor; vomiting; abdominal pains; gastrointestinal irritation; diarrhea; mental confusion; slurred speech.

CHRONIC EXPOSURE EFFECTS
Reports have associated repeated and prolonged overexposure to solvents with neurological and other physiological damage. Repeated exposure may cause skin sensitization. May cause photosensitivity.

MEDICAL CONDITIONS AGGRAVATED
None known.

PRIMARY ROUTE OF EXPOSURE
Inhalation, ingestion, and dermal.

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SECTION 5. FIRST AID MEASURES

INHALATION
If user experiences breathing difficulty, move to air free of vapors. Administer oxygen or artificial respiration until medical assistance can be rendered.

SKIN CONTACT
Wash with soap and water. If irritation persists, get medical attention.

EYE CONTACT
Immediately flush with water, remove any contact lens, continue flushing with water for at least 15 minutes. Get medical attention.

INGESTION
Call your poison control center, hospital emergency room or physician immediately for instructions to induce vomiting.

NOTE TO PHYSICIAN

This formula is registered with POISINDEX.
Call your local poison control center for further information.

SECTION 6. FIRE FIGHTING MEASURES

HAZARD RATING SOURCE	HMIS	NFPA
HEALTH	3	3
FLAMMABILITY	2	2
REACTIVITY	0	0
OTHER	G	NA

FLASH METHOD

PMCC

FLASH POINT

111.00°F 43.88°C

LOWER EXPLOSION LIMIT

N/E

GENERAL COMMENTS

OSHA FLAMMABILITY: Class II

EXTINGUISHING METHOD

Use carbon dioxide, dry powder, or foam.

FIRE FIGHTING PROCEDURES

Self-contained respiratory protection should be provided for fire fighters fighting fires in buildings or confined areas. Stay away from heads of containers that have been exposed to intense heat or flame.

FIRE AND EXPLOSION HAZARDS

CAUTION! COMBUSTIBLE. KEEP AWAY FROM HEAT, SPARKS, FLAME AND ALL OTHER SOURCES OF IGNITION.

SECTION 7. ACCIDENTAL RELEASE MEASURES

CLEAN-UP

Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind out of low areas, and ventilate closed spaces before entering. Shut off ignition sources; keep flares, smoking or flames out of hazard area. SMALL SPILLS: take up liquid with sand or earth or other noncombustible absorbent material and place in a plastic

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**SECTION 7. ACCIDENTAL RELEASE MEASURES
(CONTINUED)**

container where applicable. LARGE SPILLS: dike far ahead of spill for later disposal.

For transportation related spills contact Chemtrec at 1-800-424-9300 for emergency assistance.

WASTE DISPOSAL

Dispose in accordance with applicable local, state and federal regulations.

SECTION 8. HANDLING AND STORAGE

STORAGE Keep container tightly closed when not in use. Store in a cool, dry place. Do not store near flames or at elevated temperatures.

HANDLING Read carefully all cautions and directions on product label before use. Since empty container retains residue, follow all label warnings even after container is empty. Dispose of empty container according to all regulations. Do not reuse this container.

SECTION 9. TRANSPORT INFORMATION

TRANSPORTATION For D.O.T. information, contact W.M. Barr Technical Services Department.

SECTION 10. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION PROTECTION Use in a well-ventilated area.

RESPIRATORY PROTECTION For OSHA controlled work place and other regular users - Use only with adequate ventilation under engineered air control systems designed to prevent exceeding appropriate TLV. For occasional use, where engineered air control is not feasible, use properly maintained and properly fitted NIOSH approved respirator for organic solvent vapors. A dust mask does not provide protection against vapors.

SKIN PROTECTION Wear impermeable gloves, such as NITRILE RUBBER.

EYE PROTECTION Safety glasses, chemical goggles or face shields are recommended to safeguard against potential eye contact, irritation, or injury. Contact lenses should not be worn while working with chemicals.

OTHER PROTECTION Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc, to minimize exposure. A source of clean water should be available in the work area for flushing eyes and skin. Do not eat, drink, or smoke in the work area. Wash hands thoroughly after use. Before reuse, thoroughly clean any clothing or protective equipment that has been contaminated by prior use. Discard any clothing or other protective equipment that cannot be decontaminated, such as gloves or shoes.

SECTION 11. PHYSICAL AND CHEMICAL PROPERTIES**VOLATILE %** 89**BY WEIGHT****BOILING POINT** GT 212.00 F 100.00 C**VAPOR DENSITY (AIR = 1.0)** HEAVIER THAN AIR**EVAPORATION RATE** SLOWER THAN ETHER**BULK DENSITY** LBS/GAL AT 75 DEGREES F 8.023**pH FACTOR** N/E**PHOTOCHEMICALLY REACTIVE**

YES

MAX V.O.C. 419 grams per liter (excluding exempt solvents and water).**MAX VAPOR PRESSURE** NOT Applicable**SECTION 12. STABILITY AND REACTIVITY****INCOMPATIBILITIES** Incompatible with strong oxidizing agents; acids; alkali, at high temperatures; chemically active metals; peroxides; halogens; vinyl chloride; iodine flouride.**DECOMPOSITION** Thermal decomposition may produce carbon monoxide; carbon dioxide; oxides of nitrogen; hydrocarbons; acrid smoke and fumes; and ammonia.**POLYMERIZATION** Will not occur.**STABILITY**

Stable.

SECTION 13. ADDITIONAL INFORMATION**IMPORTANT NOTE**

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.

LEGEND:
PPM = parts per million
MG/M³ = milligrams per cubic meter

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SECTION 13. (CONTINUED) INFORMATION

N/E or NE = none established

GT = greater than

N/A or NA = not applicable

TCC = tag closed cup

TOC = tag open cup

PMCC = Pensky-Martens closed cup to Life and Health

IDLH = Immediately Dangerous to Life and Health

END OF MSDS